

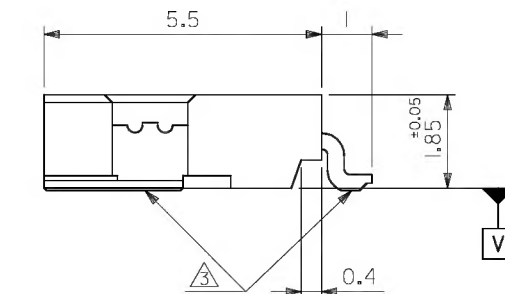
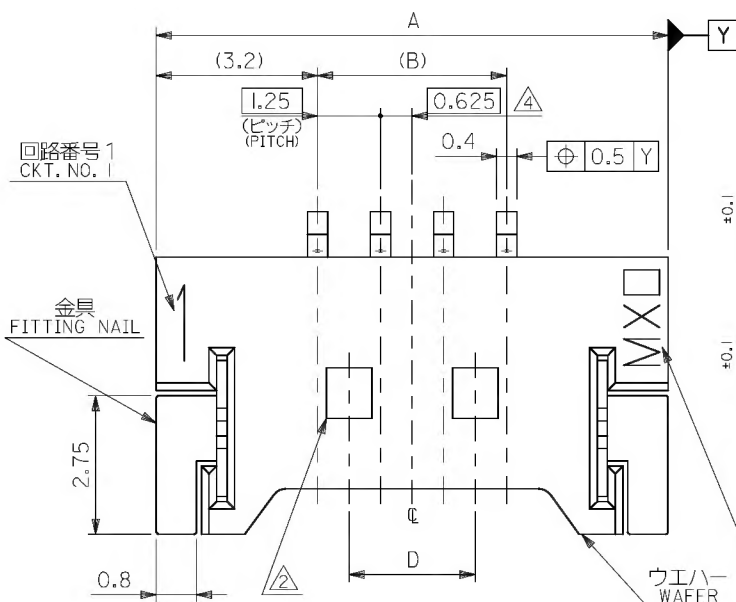
10 9 8 7 6 5 4 3 2 1

# 注記 NOTES

1. 嵌合相手: 51146 シリーズ  
MATES WITH : 51146 SERIES
2. ロック窓は2、3極品は1箇所、4極品以上は2箇所とする。  
LOCKING WINDOW : ONE PLACE FOR 2 AND 3 CIRCUIT PRODUCTS  
AND TWO PLACES FOR MORE THAN 3 CIRCUIT PRODUCTS.
3. 基準面 [V] からのソルダータールと金具の半田付け面のズレ量は、  
上方向に 0.05MAX.、下方向 0.15MAX.、とし、20 極以下の相互の  
バラツキ量は 0.1MAX. とする。  
MISALIGNMENT OF SOLDER TAIL AND FITTING NAIL FROM [V]  
: UPPER DIRECTION 0.05MAX.  
: LOWER DIRECTION 0.15MAX.  
: OFFSET BETWEEN UPPER AND LOWER 0.1MAX. (UNDER 20 CKTS.)
4. 偶数極の製品に適用。  
APPLY EVEN CIRCUIT PRODUCTS.
5. 材質 MATERIAL  
ウエハー: WAFER : PPS, UL94V-0  
ピン: リン青銅 PIN: PHOSPHOR BRONZE  
コンタクト部: 金メッキ 0.2 マイクロメートル以上  
CONTACT AREA: GOLD 0.2 MICROMETER MINIMUM  
テール部: 銅メッキ 3.0 マイクロメートル以上  
TAIL AREA: TIN 3.0 MICROMETER MINIMUM  
下地メッキ: ニッケルメッキ 1.0 マイクロメートル以上  
UNDER PLATING: NICKEL 1.0 MICROMETER MINIMUM  
金具: リン青銅 FITTING NAIL: PHOSPHOR BRONZE  
銅メッキ 3.0 マイクロメートル以上  
TIN 3.0 MICROMETER MINIMUM  
下地メッキ: ニッケルメッキ 1.0 マイクロメートル以上  
UNDER PLATING: NICKEL 1.0 MICROMETER MINIMUM
6. 本製品は 53780-\*\*-\*\*10/-\*\*-\*\*18 の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 53780-\*\*-\*\*10/-\*\*-\*\*18.
7. ELV 及び RoHS 適合品  
ELV & RoHS COMPLIANT.

参考基板レイアウト  
RECOMMENDED P.C.BOARD PATTERN DIM. (REF.)

トレードマーク  
TRADE MARK



16.25	22.5	38.77	36.25	42.65	53780-3070	30
8.75	22.5	26.27	23.75	30.15	-2070	20
7.5	20	23.77	21.25	27.65	-1870	18
6.25	16.25	20.02	17.5	23.9	-1570	15
5	15	18.77	16.25	22.65	-1470	14
3.75	12.5	16.27	13.75	20.15	-1270	12
2.5	10	13.77	11.25	17.65	-1070	10
2.5	8.75	12.52	10	16.4	-0970	9
1.25	7.5	11.27	8.75	15.15	-0870	8
1.25	6.25	10.02	7.5	13.9	-0770	7
—	5	8.77	6.25	12.65	-0670	6
—	3.75	7.52	5	11.4	-0570	5
—	2.5	6.27	3.75	10.15	-0470	4
—	—	5.02	2.5	8.9	-0370	3
—	—	3.77	1.25	7.65	53780-0270	2
E	D	C	B	A	EMBOSSD PACKAGE	CKT.
					オーダー番号 ORDER No.	極数

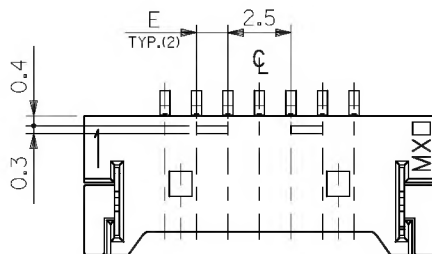
CONNECTOR SERIES NO. 53780-\*\*-\*\*19

1.25 W/B CONN WAFER  
ASSY FOR SMT

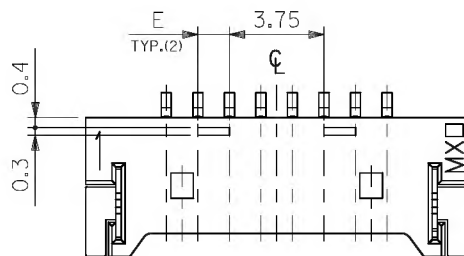
MOLEX INCORPORATED

SEE CHART SD-53780-003

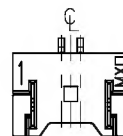
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INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION



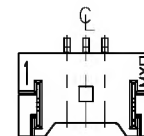
7~19 極の奇数極に適用  
APPLY FOR ODD CIRCUITS OF 7~19



8~30 極の偶数極に適用  
APPLY FOR EVEN CIRCUITS OF 8~30

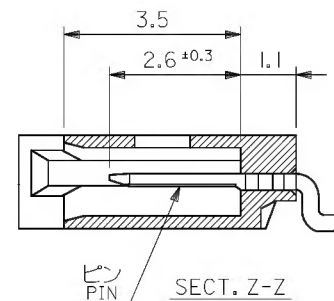


2 CKT.



3 CKT.

ロック形状図  
LOCK CONFIGURATION



REVISED EC NO: J2010-0021 DRWN:MTAKASAKI CHKD: HAYASHI APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	DRAWN BY T. UENO	DATE '04/04/15	TITLE 1.25 W/B CONN WAFER ASSY FOR SMT				
		10 OVER 30 UNDER	±0.25	CHECKED BY M. SASAO	DATE '04/04/15					
		30 OVER	±0.3	APPROVED BY M. SASAO	DATE '04/04/15	MOLEX MOLEX INCORPORATED				
		ANGULAR ±3 °		MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53780-003		2 OF 2		
	REV	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								

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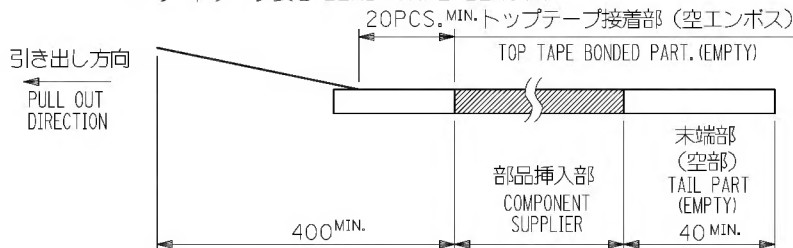
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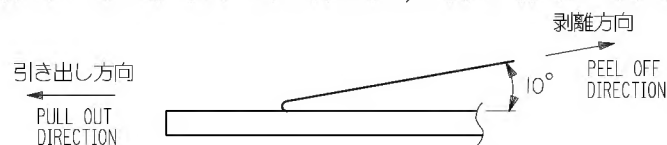
1

## NOTES

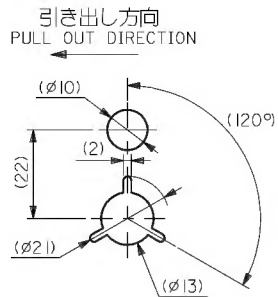
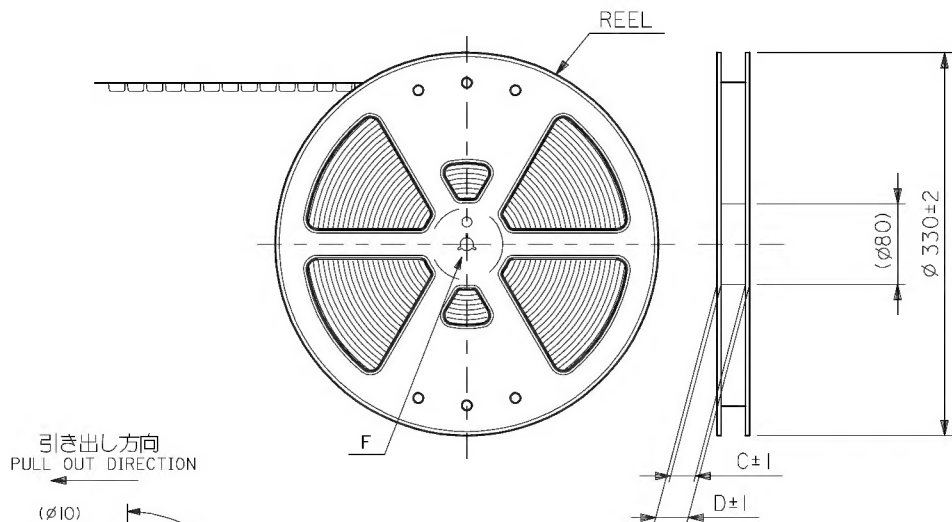
1. 極包数量：1500個/リール  
NUMBER OF CONNECTORS : 1500PCS/REEL  
2. リードテープ長さ LEAD TAPE LENGTH



3. トップテープの剥離強度：0.1N ～ 1.3N(10gf ～ 130gf)  
(剥離方向は下図参照)  
尚、本規格値は出荷時に適用。(但し、輸送時に剥離が発生しないこと。)  
PEELING OFF FORCE OF TOP TAPE : 0.1N ～ 1.3N(10gf ～ 130gf)  
(PEELING DIRECTION AS SHOWN IN FOLLOWING FIG.)  
THIS REQUIREMENT SHOULD BE APPLIED AT SHIPMENT.  
PEEL OFF SHOULD NOT BE ALLOWED , DURING TRANSPORTATION.



4. 材料(MATERIAL)  
キャリアテープ(CARRIER TAPE)：ポリプロピレン(POLYPROPYLENE)  
トップテープ(TOPTAPE)：PET , PE , PEF  
リール(REEL)：ポリスチレン(PS) <リサイクル材を含む>  
POLYSTYRENE(PS) <RECYCLE MATERIAL CONTAINED>  
5. 本製品は 53780-\*\*-90/-\*\*-80 の鉛フリー品である。  
THIS PRODUCT IS LEAD FREE OF 53780-\*\*-90/-\*\*-80.  
6. ELV及びRoHS適合品  
ELV & RoHS COMPLIANT



DETAIL F

REVISED  
EC NO: J2010-0021  
DRWN:MTAKASAKI 2009/07/07  
CHKD:MHAYASHI 2009/07/08  
APPR:NUKITA 2009/07/08  
REV B

GENERAL TOLERANCES (UNLESS SPECIFIED)	
10 UNDER	±0.2
10 OVER 30 UNDER	±0.25
30 OVER	±0.3
ANGULAR	±3 °
DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS	

DIMENSION STYLE MM ONLY	
DRAWN BY	DATE
T.UENO	'04/04/15
CHECKED BY	DATE
M.SASAO	'04/04/15
APPROVED BY	DATE
M.SASAO	'04/04/15
MATERIAL NO.	SEE CHART
SIZE	A3

MODEL NO.	53780-**-70
DESIGN UNITS	METRIC
THIRD ANGLE PROJECTION	
1.25 W/B WAFER ASSY EMBOSSED TAPE PACKAGE	
MOLEX INCORPORATED	
DOCUMENT NO.	SD-53780-004
SHEET NO.	1 OF 3
THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION	

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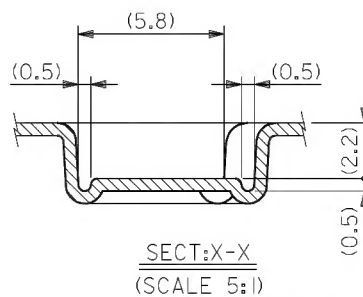
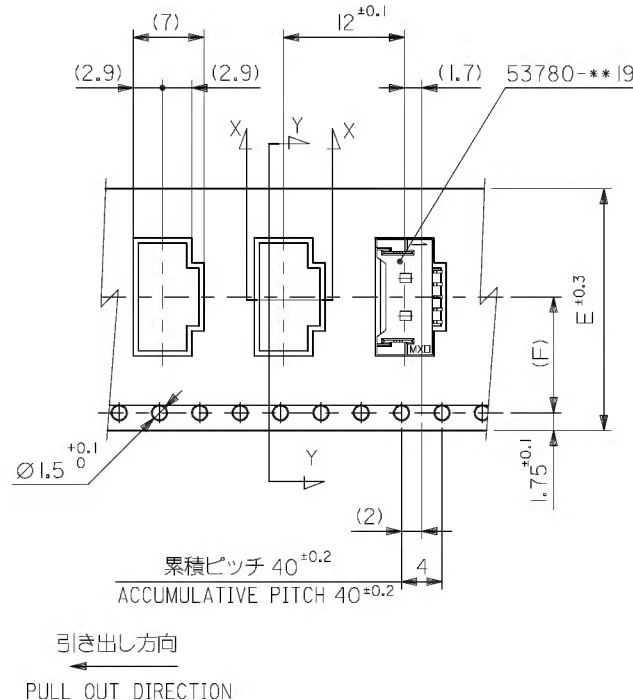
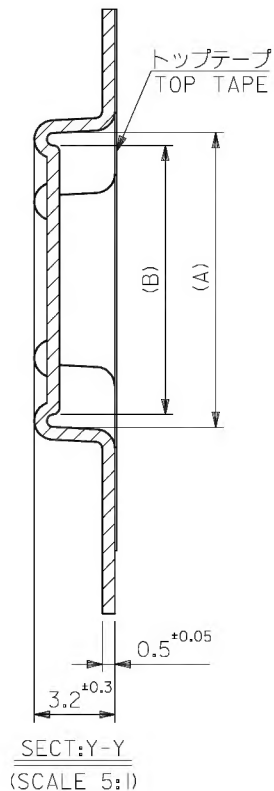
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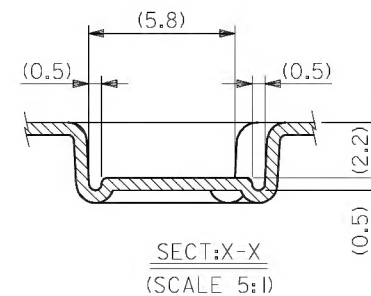
3

2



11.5	24	29.4	25.4	11.75	16.7	53780-0970	9
				10.5	15.45	53780-0870	8
				9.25	14.2	53780-0770	7
				8	12.95	53780-0670	6
				6.75	11.7	53780-0570	5
7.5	16	21.4	17.4	5.5	10.45	53780-0470	4
				4.25	9.2	53780-0370	3
				3	7.95	53780-0270	2
(F)	E キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT.
						MODEL NO.	53780-**70

REVISED EC NO: J2010-0021 DRWN:MTAKASAKI CHKD:MAYASHI APPR:NUKITA	DESCRIPTION 2009/07/07 2009/07/08 2009/07/08	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	DESIGN UNITS METRIC	THIRD ANGLE PROJECTION		
		10 UNDER	±0.2	T.UENO	'04/04/15	TITLE 1.25 W/B WAFER ASSY EMBOSSED TAPE PACKAGE				
		10 OVER 30 UNDER	±0.25	M.SASAO	'04/04/15					
		30 OVER	±0.3	M.SASAO	'04/04/15	MOLEX INCORPORATED				
		ANGULAR	±3 °	MATERIAL NO.						
		DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53780-004			2 OF 3	
		THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION								



26.2	52.4	56	61.4	57.4	38	42.95	53780-3070	30
20.2	40.4	44	49.4	45.4	25.5	30.45	53780-2070	20
					25.5	27.95	53780-1870	18
					19.25	24.2	53780-1570	15
					18	22.95	53780-1470	14
					15.5	20.45	53780-1270	12
14.2	28.4	32	37.4	33.4	13	17.95	53780-1070	10
(G)	F	E キャリアテープ幅 CARRIER TAPE WIDTH	D	C	(B)	(A)	MATERIAL NO.	極数 CKT.

REVISED	EC NO. : J2010-0021	2009/07/07 DRAWN: TAKASAKI	2009/07/08 CHK'D: MIYASHI	2009/07/08 APPR: NUKITA	DESCRIPTION	GENERAL TOLERANCES (UNLESS SPECIFIED)		DIMENSION STYLE MM ONLY		SCALE ---	W/DRAWING NO. DESIGN UNITS METRIC	THIRD ANGLE PROJECTION
						10 UNDER	± 0.2	DRAWN BY T. UENO	DATE '04/04/15	TITLE 1.25 W/B WAFER ASSY EMBOSSD TAPE PACKAGE		
						10 OVER 30 UNDER	± 0.25	CHECKED BY M. SASAO	DATE '04/04/15			
						30 OVER	± 0.3	APPROVED BY M. SASAO	DATE '04/04/15	MOLEX INCORPORATED		
						ANGULAR ±3 °		MATERIAL NO.				
						DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS		SEE CHART		SD-53780-004		3 OF 3
REV	B	DRAFT WHERE APPLICABLE MUST REMAIN WITHIN DIMENSIONS				SIZE A3	THIS DRAWING CONTAINS INFORMATION THAT IS PROPRIETARY TO MOLEX INCORPORATED AND SHOULD NOT BE USED WITHOUT WRITTEN PERMISSION					